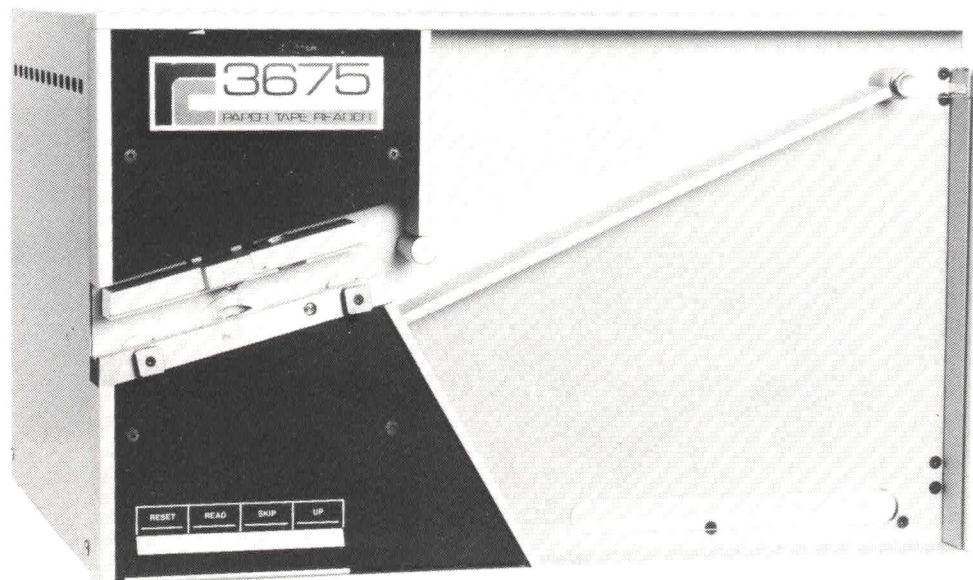




RC 3675

2000 cps Paper Tape Reader

- 5 TO 8 CHANNEL ISO STANDARD TAPE
- 6 CHANNEL OLIVETTI TAPE
- HIGH SPEED UNIT
- FULLY INTEGRATED PHOTO-ELECTRIC READER



GENERAL

The RC 3675 Paper Tape Reader is a fully integrated photo-electric high speed reader. The 2000 cps performance is obtained by utilizing a servo input buffer technique, i.e. a 1024 8-bit character semiconductor buffer is used to control the reading speed in accordance with the number of unprocessed characters contained in the buffer. Consequently abrupt starting and stopping is eliminated and the risk of tape damage reduced - enabling accurate reading at high performance.

The RC 3675 Paper Tape Reader can be loaded with tape in seconds due to the absence of manually operated pinch rollers and mechanical clutches. Operator controls are located on the front panel and tape format for instance is changed by turning a knob.

SPECIFICATIONS

Read head:	dual set of photosensors for ISO and Olivetti channel formats, single light source
Buffer size:	1024 8-bit characters
Tape speed:	continuously regulated from 0 to 200 inches per second according to buffer contents
Performance:	2000 ch per sec. (ISO tape) 1695 ch per sec. (Olivetti tape)
Tape width:	
8 channel ISO	25.4 mm (1 inch)
7 channel ISO	22.2 mm (7/8 inch)
5 channel ISO	17.5 mm (11/16 inch)
6 channel Olivetti	20.5 mm
Tape media:	any opaque material, as: paper, oiled or non-oiled plastic, mylar, metalized or non-metalized
Tape roll size:	outer diameter: 200 mm (7 3/4 inches) maximum inner diameter: 50 mm (2 inches) minimum
Standard features:	tape width selector knobs, dual end-of-tape sensors, sprocket hole sensor, adjustment prism
Power requirement:	220 V, 50 Hz, 235 W
Temperature, ambient:	16 - 32 °C (60 - 90 °F)
Humidity, relative:	40 - 70%, non-condensing
Heat dissipation:	200 kcal/h (800 BTU/h)
Mounting:	desk top

DIMENSIONS

Height:	32.5 cm (12 11/16 inches)
Width:	52.0 cm (20 5/16 inches)
Depth:	46.5 cm (18 3/16 inches)
Weight:	24 kg (53 lbs.)